

Title (en)
NS3728 FOR USE IN COMBINATION WITH TEMOZOLOMIDE FOR THE TREATMENT OF GLIOBLASTOMA

Title (de)
NS3728 IN KOMBINATION MIT TEMOZOLOMID ZUR BEHANDLUNG VON GLIOBLASTOM

Title (fr)
NS3728 EN COMBINAISON AVEC DU TEMOZOLOMIDE POUR LE TRAITEMENT DU GLIOBLASTOME

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Application
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Abstract (en)
The present invention relates to treatment of cancer, in particular to methods of sensitising cancer cells to an anti-cancer therapy by administering an effective amount of a modulator of Volume Regulated Anion Channels, i.e. a VRAC modulator.

IPC 8 full level
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C-Set (source: EP US)
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Citation (applicant)
• WO 9847879 A1 19981029 - NEUROSEARCH AS [DK], et al
• WO 0024707 A1 20000504 - NEUROSEARCH AS [DK], et al
• WO 2004012733 A2 20040212 - NEUROSEARCH AS [DK], et al
• EP 2919009 A1 20150916 - MAX DELBRÜCK CT FÜR MOLEKULARE MEDIZIN MDC [DE], et al
• HELIX ET AL., J. MEMBRANE BIOL., vol. 196, 2003
• POULSEN ET AL., AM J PHYSIOL CELL PHYSIOL, 2010
• SORENSEN ET AL., AM J PHYSIOL CELL PHYSIOL, 2016
• PLANELLAS_CASES, R ET AL., EMBO J., 2015
• VOSS ET AL., SCIENCE, vol. 344, no. 6184, 2014, pages 634 - 8
• QUI ET AL., CELL, vol. 157, no. 2, 2014, pages 447 - 58
• KORSGAARD, MP ET AL., COMB CHEM HIGH THROUGHPUT SCREEN, 2009
• CHAMBERS, C ET AL., ASSAY DRUG DEV TECHNOL., 2016
• HELIX ET AL., J MEMBRANE BIOL., vol. 196, 2003
• LICHTENBERG, J.P.J. HJARNAP.E. KRISTJANSEN. HANSEN. L. BINDERUP: "The rat subcutaneous air sac mode: A quantitative assay of antiangiogenesis in induced vessels", PHARMACOLOGY & TOXICOLOGY, vol. 84, 1999, pages 34 - 40

Citation (search report)
• [X] EP 1526851 A2 20050504 - NEUROSEARCH AS [DK]
• [A] DAVID A REARDON ET AL: "Effect of CYP3A-inducing anti-epileptics on sorafenib exposure: results of a phase II study of sorafenib plus daily temozolomide in adults with recurrent glioblastoma", JOURNAL OF NEURO-ONCOLOGY, KLUWER ACADEMIC PUBLISHERS, BO, vol. 101, no. 1, 5 May 2010 (2010-05-05), pages 57 - 66, XP019866326, ISSN: 1573-7373, DOI: 10.1007/S11060-010-0217-6

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EP 2017061823 W 20170517; AU 2017266724 A 20170517; BR 112018073518 A 20170517; CA 3023202 A 20170517; CN 201780043536 A 20170517; CY 201100070 T 20200127; CY 211100332 T 20210415; DK 17726573 T 20170517; DK 19205104 T 20170517; EP 17726573 A 20170517; EP 19205104 A 20170517; EP 21162597 A 20170517; ES 17726573 T 20170517; ES 19205104 T 20170517; HR P20200076 T 20200117; HR P20210572 T 20210409; HU E17726573 A 20170517; HU E19205104 A 20170517; JP 2018560218 A 20170517; LT 17726573 T 20170517; LT 19205104 T 20170517; PL 17726573 T 20170517; PL 19205104 T 20170517; PT 17726573 T 20170517;

PT 19205104 T 20170517; RS P20200088 A 20170517; RS P20210510 A 20170517; SI 201730169 T 20170517; SI 201730713 T 20170517;
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